



'Eyes', 'Brain', 'Feet' and 'Hands' of Efficient Harvesting Machinery

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Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on precise identification and positioning systems (“eyes”), sensitive decision-making and control systems (“brain”), highly adaptable chassis and mobile platforms (“feet”), efficient end-effectors and harvesting components (“hands”), etc., that are related to efficient harvesting machinery. Outstanding articles will be selected to showcase the latest ideas and to provide key technological references for research on efficient harvesting machinery.

Potential topics include but are not limited to the following:

Crop–soil–machine systems;
Mechanics and dynamics of harvesting machinery;
Chassis of harvesting machinery;
Efficient harvesting components;
Field environment sensing and recognition;
Navigation and positioning systems of harvesting machinery;
Multi-source information fusion, analysis, and decision making in harvesting operations;
Cooperative harvesting operations of multiple machines in the field;
Unmanned harvesters.





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Message from the Editor-in-Chief

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